

# **SOUTH PRODUCTION NOTES**

**January 7, 2015**  
**3-11 Shift Notes**

**BASF EMPLOYEES**  
**44 Last Recordable**  
**559 Last Lost Time**

**Be sure to check weigh all bags off of the calciners and fill out the log sheet downstairs by the scale and Attach "Packaged By" label with your initials.**

## **#1 MED / AI 3945:**

On hold for air regulator for vacumax. Waiting for regulator, should be in soon.

Midnight shift:

Day shift: Holding for Regulator.

Afternoon shift:

## **#1 RC / AI 3945 next:**

Had to shut down due to CO2 being detected. Burner tuning will need to be done Thursday early in the morning. Will need to light calciner at 7am to do burner tuning in the afternoon. On hold until we get more feed. The oversize screen has been changed to a .156 x 5/16.

Midnight Shift:

Day shift: Had to shut down due to CO2 being detected. Burner tuning will need to be done Thursday in the afternoon. Will need to light calciner at 7am for burner tuning in the morning.

Afternoon shift:

**Exhaust to Trimer**

## **#2 MED line / Cu-0860:**

Get all dried samples to the lab. Dry ice tote was delivered Monday. We can feed the bags down stairs by #2 dryer through the floor to the dryer.

Midnight shift: Mixer plows to be changed.

Day Shift: Mixer plows removed. Will need put in Thursday. Undried material was fed through the floor to the dryer.

Afternoon Shift:

## **#2 RC/ Cu 0860:**

Will need to start calciner and feed all bags on the second floor including the taped off bags made with the World Metals 3818.

Midnight shift: No activity, confirm which bags that can be fed per Tuesday notes info

**Day Shift: No change. Will need to start calciner and feed all bags on the second floor including the taped off bags made with the World Metals 3818.**  
**Afternoon Shift:**

**Exhaust to F1**

**#3 MED/ D-1780 NAQ:**

**Continue until the new barrel liners come in. The weigh hopper is consistently showing 60# less than what we believe to be in it. A work order has been written on this. Also, we will need to stop late Wednesday in able to get station two cleaned and washed down for Thursday morning's bag cutter modification.**

**Midnight shift: Continued until Siral ran out...more delivering Wednesday morning**

**Day Shift: Siral has arrived. Begin mixing on second shift.**

**Afternoon Shift:**

**#3 RC / D 1780 NAQ :**

**Continue to run. Use LAQ SAP sheets until we can get some NAQ sheets printed(scratch out the LAQ and put NAQ on sheets, SAP department knows about this).**

**Midnight shift: Continue**

**Day shift: Continued. Down to a handful of bags late in the shift.**

**Afternoon Shift:**

**Exhaust to CTO**

**#4 RC / D-0222 KLP:**

**Cleaning spiral and deck. MOD is here now.**

**Midnight shift: Back together, check with production team on start up.**

**Day Shift: No change. Will need AL oxide run through as flush.**

**Afternoon Shift:**

**Exhaust to 4DC**

**#5 RC / Cu-0559:**

**Cu-0559 is the same as Cu-0539, but with a different SA/temperature. Waiting for results from 5B material.**

**Midnight Shift: Continue**

**Day shift: Continued.**

**Afternoon shift:**

**Exhaust to Trimer**

**#6 RC & Dryer / D-0257**

Use Auto Sampler for bags, and get additional grab sample for each bag. Keep feed rate around 250.

Midnight shift: Continue, keep eye on syntron vibration (dropped off middle of night and needed adjustment)

Day Shift: Continued. Feed rate is at 240.

Afternoon shift:

### **Exhaust to Sly Scrubber**

### **6 Tank /D-5253 empty**

Continue. Drain looked at by Schirmer and Lucas- not fixed yet

Acid washed 1-1-15 - needs emptied – MT 1-2-15

Midnight Shift: Tank washed and emptied per previous notes info

Day Shift: No change.

Afternoon shift:

### **New Pfaudler / D-0222:**

Pfaudler glass was inspected. Need MOD for D-0222

Midnight Shift: Confirm with engineer which nozzles to install on spray arm (not listed in MOD)

Day Shift: Waiting for confirmation.

Afternoon Shift:

### **7 Tank KLP solution:**

Elliott advised that radar gauge on tank is not working. Will need repaired.

Midnight Shift: 1<sup>st</sup> step of solution make-up completed (cu nitrate, nitric, manganese, old D 0222 solution tote), heating tank to 60c in order to continue. Need to confirm whether Cobalt nitrate still in Q (per Tuesday day shift notes) before proceeding with next solution tank steps.

Day Shift: Tank finished. SPG of 1.59. Waiting another ½ hour to see if SPG goes up. Sample taken to lab.

Afternoon shift:

### **Old Pfaudler / D-0257:**

See the MOD for special instructions for the lot 9 1708 material that was brought in. Continue, rental DI water unit delivered and installed on Saturday for pfaudler and #3 mixer. You will not be able to pump the water using the RO unit pump...water will deliver by city water pressure, so it will be slower. NOTE: Be sure to sample drainage from each batch made on east pfaudler for D 0257 batches.

Midnight Shift: Continue

Day Shift: No batch made. Will need one on second shift.

Afternoon shift:

### **National Dryer:**

Schirmer finished bead blasting. **Will need to confirm totes and dryer clean.**

Midnight Shift: NA

Day shift: Will need inspected for cleanliness before we start up.

Afternoon Shift:

### **PK Blender Selexorb:**

Selexorb next

Midnight Shift: Waiting on discharge chute

Day shift: Chute to be installed tomorrow.

Afternoon shift:

### **Abbe Blender / 5206 Done**

Done for a while. Area Cleaned

Midnight shift: NA

Day shift:

Afternoon shift:

### **Tower 3/ Cu 0860:**

On hold. Can be unloaded and reloaded, but do not start up until we hear back from Kristen.

Midnight Shift: Can be unloaded and reloaded, but do not start up until we hear back from Kristen (out of alcohol)

Day shift: Unloaded and reloaded.

Afternoon shift:

### **Tower 6 / Pd 1930:**

Continue.

Midnight Shift: VAM adjusted, loaded and running. Lot 19 in tower. More material scheduled to arrive later in the week. Need to verify with Art if we can hold the next batches until we start 0860 up next week.

Day shift: Loaded and running. Fighting with it.

Afternoon shift:

### **North Screener / Cu-0860:**

On hold until tower comes down. WOW for leaking Pump

Midnight shift: Waiting on alcohol

**Day shift: Alcohol is in. Will start on 2<sup>nd</sup> shift.**  
**Afternoon shift:**

**South Screener / Cu-0860:**

**On hold until tower comes down. WOW for leaking Pump**  
**Midnight shift: Waiting on alcohol**  
**Day shift: Alcohol is in. Will start on 2<sup>nd</sup> shift.**  
**Afternoon Shift:**

**#2662 (west) Pill Machine / next up Al-3917 T 3/16”:**

**Do not load any more bags into the feed hopper. Just need to finish up.**  
**Midnight shift: Continue**  
**Day Shift: No change.**  
**Afternoon shift:**

**#2664 (east) Pill Machine / next up Al-3917 T 3/16”:**

**Do not load any more bags into the feed hopper. Just need to finish up.**  
**Midnight shift: Out of feed (hopper empty), begin clean up and change over to 3917**  
**Day Shift: No change.**  
**Afternoon shift:**

**TK #2 / V 2046/V 2010:**

**Down for now. Will need to be switched to V-2010 Saggars...will discuss next week**  
**Midnight shift: Down**  
**Day Shift:**  
**Afternoon shift:**

**TK #4 / Cu 2508:**

**Work completed at kiln building this weekend, kiln started back up**  
**Midnight shift: Continue**  
**Day Shift: Continued.**  
**Afternoon shift:**

**Harrop Kiln / Al 3920:**

**Al 3920 - 90 min Cart- operator must keep area cleaned**  
**Midnight shift: Continue**  
**Day Shift: Continued.**  
**Afternoon shift:**

## **Building 27 Belt Filter / 5020:**

**Cu-5020. Cleaning spin flash hopper.**

**Midnight shift: Did not run...will need to be run on days shift. There are more 116 bags in bldg. 24 and possibly in the department. Not sure if they are the type that does not leak. Will need to spray with contact adhesive to stop from leaking.**

**Day shift: Fought with all day.**

**Afternoon Shift:**

## **Priorities:**

Priorities 1 through 12 are basically all the same priority, should be considered urgent and will require call outs for maint issues and/or processing issues.

- 1) East Pfaudler/HC-11 Dryer/#6 RC/Sly
- 2) #3 MED/#3RC/CTO
- 3) #2 Line/#2RC
- 4) Harrop Kiln
- 5) Horne Tableting
- 6) #1 Line/#1RC
- 7) South PK (NA Selexsorb)
- 8) South Precip
- 9) #5 RC
- 10) Reduction Towers
- 11) Reduction Tower Screeners
- 12) #4 RC
- 13) #4 Tunnel Kiln

AI-3915 and AI-3920 continue to move up the list, we are projecting to be late to our commitment to Seneca in delivering the AL-3920 by year end.

In reviewing their plan, we can be ~1 week late at most before it affects them, which in turn affects when the material returns for reduction, which places the burden on us to still meet the QVAM ship date.

Projected end date on the AI-3920 T is showing as Jan 6th.

## **Maintenance & Other**

- 1) Belt filter down for blower bearing replacement
- 2) MOC for PK bottom outlet for X-1000 repacks - Monday
- 3) Rental DI water unit is installed. You will only have city water pressure on the 3<sup>rd</sup> floor, so transfers to #3 mixer weigh tank and east pfaudler will be slower than normal
- 4) Shirmer power-washing in building 10 completed, #4 Tunnel Kiln heating back up